Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 13 Jan 2023 until 23:59 on Saturday 14 Jan 2023

Forecast Issued on Thursday 12 Jan 2023 at 16:16

Confidence: High for unsettled for much of the period, also for turning to a colder more sheltered northerly for Monday, but lowering confidence for detail of timing and intensity of worst of weather due to the mobile nature of the westerly flow before Monday, also for Tuesdays detail.

Headline for Friday 13 Jan 2023: Rather cloudy with occasional showers. Windy start with early gales possible.

Mountain weather hazards on Friday 13 Jan 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Sleet	Heavy Rain	Light rain	Light rain showers	Light rain showers	Light rain	Cloudy	Sleet
Precipitation probability							
90%	70%	40%	30%	30%	40%	20%	80%

Forecast for Friday 13 Jan 2023

Weather: Periods of rain at first overnight, breaking to showers before dawn. Mainly cloudy by day with occasional showers. Band of rain extending from the west for the evening. Occasional sleet and wet snow across very highest peaks.

Chance of cloud-free hill tops above 600m: 70-80% for any specific time, but low for extended periods given the showery nature of the flow.

Low cloud and visibility: Good becoming moderate or poor in rain, very poor in wet snow and within cloud with bases generally above the peaks by day, occasionally lowering to 500m as showers push through

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Friday 13 Jan 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	43/54 SW	40/52 W	38/49 W	35/46 W	31/41 W	32/42 W	27/37 W	21/30 SW	24/34 SW
300	35/47 SW	32/44 W	31/43 W	27/38 W	25/36 W	25/36 W	18/28 W	15/24 SW	17/27 SW
Valley	22/46 SW	22/45 W	22/44 W	19/38 W	18/35 W	19/37 W	11/26 W	9/21 SW	11/26 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-7	2/-6	3/-5	3/-5	3/-4	3/-5	2/-5	2/-5	3/-3
300	4/-3	5/-2	5/-1	5/-1	5/-0	5/-1	4/-1	4/-1	5/1
Valley	5/-1	6/0	6/1	6/1	6/1	6/1	5/1	4/1	5/2
Freezing Level*	800m	1000m	1000m	1000m	1000m	900m	800m	800m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Nothing to add.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Thu 12 Jan 2023	20mm	27.2mm	47.2mm

Forecast for Saturday 14 Jan 2023

Weather: Overcast with periods of rain, frequently turning heavy. Some chance of clearing to brighter spells and showers for a time during the late afternoon. Rain turning to snow later in the day above 500m.

Maximum wind: West or southwest mean 25-30mph with gusts reaching 45mph across most exposed ridges and summits.

Chance of cloud-free hill tops above 600m: Virtually nil, becoming 70% late afternoon

Low cloud and visibility: Moderate or poor in rain, very poor in snow and within cloud with bases extensive from 500m, possible improving late afternoon.

Temperature: **Valleys:** Plus 2 Celsius increasing 10 Celsius during the afternoon
At 600m: Plus 4 Celsius decreasing Zero Celsius
Freezing level: 900m decreasing 600m

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2023. All Rights Reserved.